21/06/2018

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date:

Sub-Division AEE (Yalahanka-Project)

.....Dated.....Cash Book Voucher No.....dated.....

Name of Work (as per sanctioned estimate);- Asphalting road from Amruthahalli Main road to Jakkur Burrial

Agreement No. EE/Project/Ag.No/ 68/2017-18 Dated: 10/10/2017

EE/Project/Ynk Zone/W O/ 68/2017-18 Dated: 10/10/2017

Budget head: Est. cost: 90 lakhs

Name and Full Address: M/s KRIDL

Certified that the measurements were taken by me on 21/06/18 and recorded of Pages: 82014 to 82023 of Measurement Book No: 16/1718 (821) and that the work is satisfactorily executed.

Assistant Engineer

Sub-Division

Bangalore

Officer-in-charge of work

Certified that the measurements were verified by me on 21/06/2018 and found correct.

Certified that the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of work and the contractor has not previously received any advance on this security. These materials are of an expendable nature and are all required for immediate use on the work in connection with items for finished work mentioned upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Memorandum of Payment

Total value of work done or supplies made as per account with in	Total Rs. 8887315-00
Deduct amount to be held in reserve being.....percent Rs.....	
Balance	
Deduct Payments :	
(a) Amount of previous payment as in the Office cash Book Voucher No.....Dated.....S.D. No.....	
Amount adjusted towards cash advance recovery of	
Payments cost store or other materials supplied.	2% IT - 177746-00
Now made recovery of amount creditable to this/other work	1% Cess - 88873-00
Amount paid on this bill Cheque/Cash	0.1% CBF - 8887-00
Balance being unpaid value of work done held in reserve	LR - 97760-00
Deduct cash advance made on the Office Cash Book Voucher No.....dated.....less adjustments	5% FSD - 444366-00
Net amount due to or from contractor	Adju. 817632-
Unadjusted items	Cheque 80,69,683-
Value of work brought to site (as detailed) within	

Contractor's Signature

Rupees.....(In words)

Received by adjustment of Payment as per memorandum

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

(For use in the Office)

Audited & Admitted for Rs. Rs:88,87,315-00

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Signature of Contractor

Stamp

Rupees Rs:80,69,683-00 by Cheque

Paid vide cheque No.....Dated..... and Rs.....817632-00 by Adjustment

Received Rs.....Dated.....

17/9

Accts. Supdt.
Project Division
B.B.M.P

Exe. Engineer
Project Division
B.B.M.P

Initials of Officer making payment

Executive Engineer

17/9

1/9/09

1	KSRRB 300-1: Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specificatioMORTH Chapte(P-142, It.-19.2)	Cum	1407.61			1407.61	119.78	168603.5358	1407.61	168603.5358
2	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (P-130, It.No. 17.1)	Cum	1407.61			1407.61	93.92	132203 ~~132197.1008~~	1407.61	132203 ~~132197.1008~~
3	KSRB 4-1.1: Providing and laying in position plain cement concrete of nominal mix 1:3:6 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Specification No. KBS 4.1, 4.2 (P-12, It.4.2)	Cum	154.74			154.74	5348.76	827667.1224	154.74	827667.1224
4	KSRB 4.2.2:Providing andlaying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates @ 0.459 cum, with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed -2008, machine mixed, concrete laid in layres not exceeding 15 cms, thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase,lintles, retaining walls, return walls, walls (any thickness) includng attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No KBS 4.1, 4.6 (P-13, It.4.11)	Cum	198.40			198.32	6371.66	1263628 ~~1263640.355~~	198.32	1263628 ~~1263640.355~~

5	KSRB 4.9.3:Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification NO.KBS 4.6.3 (P-17, It.4.46.2)fe 500	ton	9.92			9.92	62425.21	619085.4799	9.92	619085.4799
6	KSRB 4-6.4:Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for vertical surface such as walls at any thickness, including attached plasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P-17	Sqm	2313.60			2313.60	310.58	718557.888	2313.60	718557.888
7	KSRB 5.2-3:Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m, apart in each course including cost of materials, labour, curing complete as per specifications. (P-25 It5"6)	Cum	109.67			109.67	4438.22	486739.5874	109.67	486739.5874
8	KSRB 4-1.6:Providing and laying in position plain cement concrete of mix M15 with cement @240kgs with 20mm and down size graded granite metal, coarse aggregate @0.878cum and fine aggregate @0..459 cummachine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per	Cum	11.16			11.16	5767.46	64364.8536	11.16	64364.8536
9	KSRB 15-1-2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (pg 109 in 15.2)	Sqm	140.40			140.40	97.85	13738.14	140.40	13738.14
10	Provoiding and Fixing 20Cm Thick pre Cast RCC covering Slab Using Reinforced Cement Concrete M-20 Mixed With Stone Aggregate 20mm and Down size including Centeing, shuttering, Reinforcement And bar bending machine mixed concrete laid in layer not exeeding 15cm thick well compacted cost of ost of materials, labour, curing complete as per specifications. (Data Rate Approved)	Sqm	111.30			111.24	4402.79	489766.3596	111.24	489766.3596

11	Providing and fixing 10 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20mm and down size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm thick well compacted cost of all materials labour curing complete as per specifications (Data Rate	Sqm	744.00			744.00	2100.00	1562400	744.00	1562400
12	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller) MORTH Specification No. 305(P-148, It,-19.62)	Cum	338.21			328.70	311.06	102243.8667	328.70	102243.8667
13	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P-158	Cum	450.95			449.95	1768.08	795543.1758	449.95	795543.1758
14	KSRRB 500-1. Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH Chapter 5 (P-161 IT NO 21.1)	SQM	2254.75			2191.30	13.78	30196.114	2191.30	30196.114
15	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 PAGE161 IT NO 21.6	Sqm	2254.75			2191.30	27.56	60392.228	2191.30	60392.228

16	concrete 40 mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications PAGE165IT NO 21.23.2	Cum	90.19			87.65	8640.06	757301- 757318.5391	87.65	75 7301- 757318.5391
17	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803PAGE185IT NO 24.15	SQM	156.00			112.20	542.72	60893.184	112.20	60893.184
Total Amount								8153346.00	8153500	8153346.00
9% KRIDL								733802.00	733815	733802.00
Grand Total								8887148.00		8887148.00

88,87,315